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6. (twice amended) A method comprising:

- (i) isolating human preadipocytes and then differentiating them into a greater than 90% enriched population of cells which exhibit characteristics of an adipocyte; and
- (ii) identifying a protein, polypeptide or peptide secreted by the enriched population.

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10. (amended) The method of claim 6, wherein prior to differentiating them, the preadipocytes are plated at a density of about 25,000 to 30,000 cells/cm².

Please add the following new claims:

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13. (new) The method of claim 6, wherein the differentiated cells are genetically modified. ^{OK}

14. (new) The method of claim 6, wherein the isolated human preadipocytes are differentiated into a ⁿgreater than 95% enriched population of cells which exhibit characteristics of an adipocyte.

15. (new) The method of claim 6, wherein the compound identified is a ^{OK}polypeptide.

REMARKS

Claims 6-12 are pending. Claims 6 and 10 have been amended and new claims